Please type a plus sign (+) inside this box → ⊞

PTO/SB/08A (10-96)
Approved for use through 10/31/99. OMB 0651-0031
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO	Compl te If Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT *(use as many sheets as necessary)*	Application Number	To Be Assigned
	Filing Date	Herewith
	First Named Inventor	John D. Grace
	Group Art Unit	To Be Assigned
	Examiner Name	To Be Assigned
Sheet 1 of 1	Attorney Docket Number	1145-001C1

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.[1]	U.S. Patent Document Number	Kind Code[2] (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
GJ	A	4,991,095		Swanson	02/05/1991	702/016
WW	B	5,126,978		Chaum	06/30/1992	367/135
WW	C	5,790,123		Wald et al.	08/04/1998	345/419
WW	D	5,953,680		Divies et al.	09/14/1999	702/005
Xn	E	6,012,016		Bilden et al.	01/04/2000	702/012
WW	F	6,012,018		Hornbuckle	01/04/2000	702/016
WW	G	6,191,787		Lu et al.	02/20/2001	345/418
WW	H	6,229,546		Lancaster et al.	05/08/2001	345/418
WW	I	6,307,555		Lee	10/23/2001	345/423

LAST Item

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.[1]	Foreign Patent Document Office[3]	Number[4]	Kind Code[5] (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T[6]

LAST Item

Examiner Signature		Date Considered	10 Jun 2004

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

[1] Unique citation designation number. [2] See attached Kinds of U.S. Patent Documents. [3] Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). [4] For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. [5] Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. [6] Applicant is to place a check mark here if English language Translation is attached.

Substitute for form 1449B/PTO	*Compl te if Known*	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT *(use as many sheets as necessary)*	Application Number	To Be Assigned
	Filing Date	Herewith
	First Named Inventor	John D. Grace
	Group Art Unit	To Be Assigned
	Examiner Name	To Be Assigned
Sheet 1 of 0	Attorney Docket Number	1145-001C1

OTHER PRIOR ART — NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.[1]	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T[2]
		ESRI Shapefile Technical Description, An ESRI White Papter, July 1998	
		Printout of online-help from ESRI's ArcGIS, "PolyLineZ", "Make"	
		Printout of online-help from ESRI's ArcGIS, "MultiPatch"	
		Printout of ESRI's Online Support Center documents on Sphere Multipatch	
		Printout of ESRI's Online Support Center documents on Cylinder Multipatch	
		Printout of ESRI's Online Support Center documents on Cube Multipatch	
		Printout of ESRI's Online Support Center documents on Pyramid Multipatch	
		Printout of online-help from ESRI's ArcGIS, "To Create Surfaces From Point Samples"	
		Excerpts from JOHNSTON, Kevin, et al., "Using ArcGIS Geostatistical Analyst", ESRI ArcGIS	
		Excerpts from DAVIS John C., "Statistics and Data Analysis in Geology" Second Edition, John Wiley & Sons	
		Printout of online-help from ESRI's ArcGIS, "PointZ", "AsMultiPointZ"	

Examiner Signature	*(signature)*	Date Considered	10 June 2004

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

[1] Unique citation designation number. [2] Applicant is to place a check mark here if English language Translation is attached.

Please type a plus sign (+) inside this box → ⊞

Substitute for form 1449B/PTO	**Complete If Known**	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT *(use as many sheets as necessary)*	Application Number	To Be Assigned
	Filing Date	Herewith
	First Named Inventor	John D. Grace
	Group Art Unit	To Be Assigned
	Examiner Name	To Be Assigned
Sheet 1 of 0	Attorney Docket Number	1145-001C1

		OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.[1]	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T[2]
		Printout of online-help from ESRI's ArcGIS, "Unioning Features"	
		Excerpts from MINAMI, Michael, "Using ArcMap", ESRI ArcGIS, p. 385	
		Printout of online-help from ESRI's ArcGIS, "ExtractbyPolygon"	
		Excertps from MINAMI, Michael, "Using ArcMap", ESRI ArcGIS, p. 315	
		Printout of online-help from ESRI's ArcGIS, "Join", "FTab"	
		Excerpt from MINAMI, Michael, "Using ArcMap", ESRI ArcGIS, p. 383	
		Printout of online-help from ESRI's ArcGIS, "Buffering Graphics and Features", "Create Buffers"	
		Excerpt from MINAMI, Michael, "Using ArcMap", p. 472	
		Printout of online-help from GOM3, "View Tool Bars"	
		Printout of online-help from GOM3 Documentation and Help for ArcView 3.x, "Hotlink Tool"	
		Printout of online-help from ESRI's ArcGis, "Explode"	

(Diagonal handwritten annotation across the table reads: "Not Considered - (1 Copy Provided)")

Examiner Signature	*[signature]*	Date Considered	10 June 2004

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

[1] Unique citation designation number. [2] Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Substitute for form 1449B/PTO **INFORMATION DISCLOSURE STATEMENT BY APPLICANT** *(use as many sheets as necessary)*		Compl t If Known	
		Application Number	To Be Assigned
		Filing Date	Herewith
		First Named Inventor	John D. Grace
		Group Art Unit	To Be Assigned
		Examiner Name	To Be Assigned
Sheet 1 of 0		Attorney Docket Number	1145-001C1

		OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.[1]	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T[2]
		Printout of GOM3 System Documentation and Help, "How to Link to Excel"	
		Documentation from BOOTH, Bob, "Using ArcGIS 3D Analyst", ESRI ArcGIS, p. 81	

No Copy Provided Not Considered (handwritten diagonal notation)

Examiner Signature	(signature)	Date Considered	(handwritten) 2004

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

[1] Unique citation designation number. [2] Applicant is to place a check mark here if English language Translation is attached.

Substitute for form 1449B/PTO				*C mplete if Kn wn*	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT *(Use as many sheets as necessary)*				Application Number	To Be Assigned
				Filing Date	Her with
				First Named Inventor	John D. Grace
				Art Unit	To Be Assigned
				Examiner Name	To Be Assigned
Sheet	1	of	1	Attorney Docket Number	1145-001C1

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.[1]	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T[2]
		Using ArcGIS Spatial Analyst, Environmental Systems Research Institute (Copyright 2001)	
		Using ArcGIS Geostatistical Analyst, Environmental Systems Research Institute (Copyright 2001)	
		Using ArcGIS 3D Analyst, Environmental Systems Research Institute (Copyright 2000)	
		Using Avenue, Environmental Systems Research Institute (Copyright 1996)	
		ArcView GIS, Environmental Systems Research Institute (Copyright 1996)	
		GOM3 DOCUMENTATION AND HELP, Earth Science Associates (Copyright May 2003)	

(Reviewer's handwritten annotation across citations: "Not Considered")

Examiner Signature	*(signature)*	Date Considered	10 June 2004